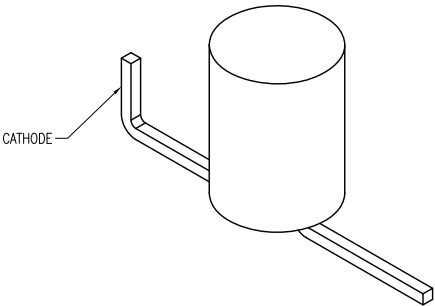
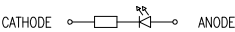
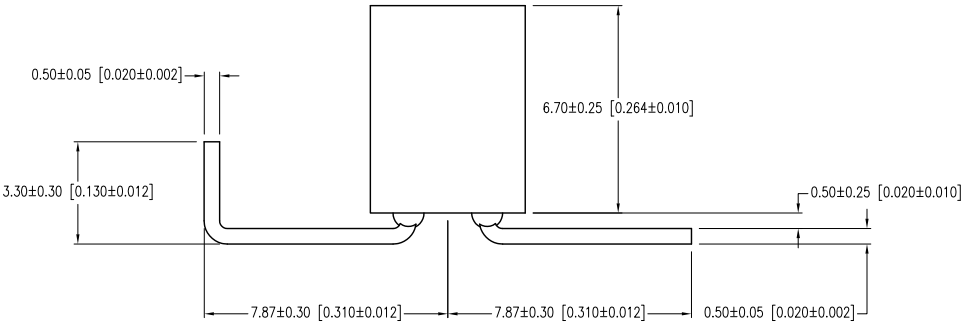


Ø5.00±0.25 [Ø0.197±0.010]



CATHODE



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C Vf=14V					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
FORWARD VOLTAGE		14	16	V	Vf=14V
FORWARD CURRENT		7.65	10.8	mA	Vr=5V
REVERSE VOLTAGE			10	µ	Vf=14V
AXIAL INTENSITY	207	450		mcd	Vf=14V
CHROMATICITY (X)	0.29	0.31	0.33		Vf=14V
COORDINATES (Y)	0.29	0.31	0.33		Vf=14V
VIEWING ANGLE		70		2x theta	
EMITTED COLOR:	WHITE				
LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	16	mA
STEADY CURRENT	8.5	mA
POWER DISSIPATION	160	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +70	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC.

* t<10µs

NOTES:

1. CUSTOMER PART NUMBER #28-7806.

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN.= +DECIMAL PRECISION -0.00 DECIMAL PRECISION MAX.= +0.00 DECIMAL PRECISION -DECIMAL PRECISION UNCONTROLLED DOCUMENT



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T-5mm (T-1 3/4) WHITE LED, WATER CLEAR LENS, LOW CURRENT.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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DATE:	08.17.12	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	JD
SCALE:	NTS	APRVD BY:	JD
UNIT:	mm [INCH]		Ⓢ